
Gouania tiliifolia: The Correct Name for *Gouania scandens*

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ABSTRACT. In a recent revision of *Gouania* Jacq. (Rhamnaceae) for Madagascar and other western Indian Ocean islands, confusion about the correct date of publication of Lamarck's *Encyclopédie Méthodique* caused the authors to overlook the nomenclatural priority of *G. tiliifolia* Lam. over the heterotypic synonym *G. scandens* (Gaertn.) R. B. Drumm. The error is corrected, and the new combination *G. tiliifolia* subsp. *glandulosa* (Boivin ex Tul.) Buerki, Phillipson & Callm. is provided for its non-typical subspecies.

RESUMÉ. Lors de la récente révision du genre *Gouania* Jacq. (Rhamnaceae) à Madagascar et incluant les autres îles de l'Océan Indien occidental, une confusion sur la date exacte de publication de l'*Encyclopédie Méthodique* de Lamarck a eu pour conséquence une omission dans la priorité nomenclaturale de *G. tiliifolia* Lam. sur le synonyme hétérotypique *G. scandens* (Gaertn.) R. B. Drumm. Cette erreur est corrigée et la nouvelle combinaison *G. tiliifolia* subsp. *glandulosa* (Boivin ex Tul.) Buerki, Phillipson & Callm. est proposée pour sa sous-espèce non-typique.

Key words: Comoros, *Encyclopédie Méthodique*, *Gouania*, Lamarck, Madagascar, Mascarenes, Rhamnaceae.

During the final stages of editorial review of our recently published revision of the genus *Gouania* Jacq. (Rhamnaceae) for Madagascar and the other western Indian Ocean islands (Buerki et al., 2011), a query was raised about the correct dates of publication of Lamarck's *Encyclopédie Méthodique*, *Botanique*. This work, which was published in eight volumes (each comprising one or two parts) between

1783 and 1808, contained descriptions of five species of *Gouania* in the first part of Volume 3, four of which were described for the first time. Of these, two species, *G. mauritiana* Lam. and *G. tiliifolia* Lam, occur in the region concerned. After careful checking in relevant bibliographic literature (Britten, 1906; Stafleu & Cowan, 1979) we established that the correct date of publication was 1789 and not 1792 as we had originally stated in our manuscript. Unfortunately, we failed to notice that this correction to the date of publication caused the name *G. tiliifolia* to have priority over the name *G. scandens* (Gaertn.) R. B. Drumm., which was published in 1791 (based on *Retinaria scandens* Gaertn.). We regard the two taxa to be conspecific, and therefore the first objective of this article is to reinstate *G. tiliifolia* as the correct name for this species. Furthermore, we regard this species to comprise two subspecies differing in only minor morphological characters, but with distinct areas of distribution. We published the new combination *G. scandens* subsp. *glandulosa* (Boivin ex Tul.) Buerki, Phillipson & Callm. (based on *G. glandulosa* Boivin ex Tul.) to accommodate the material from Madagascar with slightly different leaves and stipules and longer floral disc lobes, in comparison with *G. scandens* subsp. *scandens* from the Mascarenes. The second objective of this article is therefore to publish the necessary new combination for the plant from Madagascar as a subspecies of *G. tiliifolia*.

Gouania tiliifolia Lam. Encycl. (Lamarck) 3: 5. 1789, as "*tiliaefolia*," non *Gouania tiliifolia* Rottb. ex DC., 1825, nec *Gouania tiliifolia* Roxb., 1795 [= *Gouania microcarpa* DC.].
TYPE: [Réunion Island]. Île Bourbon, s.d. (fl.

& fr.), *Commerson s.n.* (lectotype, designated by Buerki et al. [2011: 188], P-LA!; isolectotype, G!).

Gouania scandens (Gaertn.) R. B. Drumm., Fl. Zambes. 2: 435. 1966. Basionym: *Retinaria scandens* Gaertn. Fruct. Sem. Pl. 2: 187, tab. 120, fig. 4. 1791. *Retinaria volubilis* Gaertn., Fruct. Sem. Pl. 2: 187, tab. 120, fig. 4. 1791. nom. superfl. *Gouania retinaria* DC., Prod. (DC.) 2: 40. 1825, nom. superfl. TYPE: [Mauritius] tab. 120, fig. 4 in Gaertn., 1791: 187 (lectotype, designated by Drummond [1966: 435, tab. 120, fig. 4] in Gaertner [1791: 187]).

Gouania tiliifolia Lam. subsp. ***glandulosa*** (Boivin ex Tul.) Buerki, Phillipson & Callm., comb. nov. Basionym: *Gouania glandulosa* Boivin ex Tul., Ann. Sci. Nat., Bot., sér. 4, 8: 129. 1857 [as "*Guania*"]. *Gouania scandens* (Gaertn.) R. B. Drumm. subsp. *glandulosa* (Boivin ex Tul.) Buerki, Phillipson & Callm. Ann. Missouri Bot. Gard. 98(2): 190. 2011. TYPE: Madagascar. Toamasina: Sainte-Marie, 1834 (fr.), A. Bernier 239 (lectotype, designated by Buerki et al. [2011: 190], P 00386394!).

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